



## Supplemental Declaration for Reissue Application

Docket Number: 2066.0060001

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is described and claimed in patent number 5,903,116, granted May 11, 1999, and for which a reissue patent is sought on the invention entitled Turbogenerator/Motor Controller, the specification of which:

☐ is attached hereto.

☒ was filed on May 11, 2001 as reissue application number 09/853,852, and was amended on May 11, 2001.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by the amendments referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

The issued patent claims a method of controlling a permanent magnet turbogenerator/motor comprising the steps of providing electrical power to the permanent magnet turbogenerator/motor through a pulse width modulated inverter to start the permanent magnet turbogenerator/motor to achieve self sustaining pulse width modulated invert once self sustaining operation of the permanent magnet turbogenerator/motor is achieved; and reconfiguring the pulse width modulated inverter to supply voltage from the permanent magnet turbogenerator/motor. In contrast, the present reissue application includes claims directed to a method of controlling a system including a motor/generator rotationally coupled to a turbine engine, the method comprising connecting a controller to the motor/generator for applying power to the motor/generator at varying voltage and varying frequency to adjust the speed of the motor/generator, connecting the controller to the turbine engine to control fuel flow to the turbine engine, operating the controller to apply power to the motor/generator to accelerate the turbine engine to a predetermined speed, initiating combustion in the turbine engine at the predetermined speed, and operating the controller to apply power to the motor/generator to adjust the speed of the motor/generator after initiating combustion in the turbine engine.

Every error in the patent which was corrected in the present reissue application, and which is not covered by the prior declaration submitted in this application, arose without any deceptive intention on the part of the applicant.


Send Correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934

Direct Telephone Calls to:

Edward J. Kessler  
(202) 371-2600

I hereby declare that all statements made herein of my own knowledge are true and that all statements made in information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	Everett R. GEIS	
Signature of sole or first inventor		11/18/03 Date
Residence	Orange, California 92869	
Citizenship	US	
Mailing Address	7536 East Twinleaf Trail, Orange, California 92869	
Full name of second inventor	Brian W. PETICOLAS	
Signature of second inventor		Date
Residence	Redondo Beach, California	
Citizenship	US	
Mailing Address	545 Avenue B, Redondo Beach, California 92077	
Full name of third inventor		
Signature of third inventor		Date
Residence		
Citizenship		
Mailing Address		

D:\NRP\PORTLAND\KQF\_DC\NOMILLS\191512\_1.DOC (Supply similar information and signature for subsequent joint inventors, if any)  
SKQF Rev. 5/16/01 map

## Supplemental Declaration for Reissue Application

Docket Number: 2066.0060001



As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is described and claimed in patent number 5,903,116, granted May 11, 1999, and for which a reissue patent is sought on the invention entitled Turbogenerator/Motor Controller, the specification of which:

- ☐ is attached hereto.
- ☒ was filed on May 11, 2001 as reissue application number 09/853,852, and was amended on May 11, 2001.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by the amendments referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- ☐ by reason of a defective specification or drawing.
- ☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.
- ☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

The issued patent claims a method of controlling a permanent magnet turbogenerator/motor comprising the steps of providing electrical power to the permanent magnet turbogenerator/motor through a pulse width modulated inverter to start the permanent magnet turbogenerator/motor to achieve self sustaining pulse width modulated invert once self sustaining operation of the permanent magnet turbogenerator/motor is achieved; and reconfiguring the pulse width modulated inverter to supply voltage from the permanent magnet turbogenerator/motor. In contrast, the present reissue application includes claims directed to a method of controlling a system including a motor/generator rotationally coupled to a turbine engine, the method comprising connecting a controller to the motor/generator for applying power to the motor/generator at varying voltage and varying frequency to adjust the speed of the motor/generator, connecting the controller to the turbine engine to control fuel flow to the turbine engine, operating the controller to apply power to the motor/generator to accelerate the turbine engine to a predetermined speed, initiating combustion in the turbine engine at the predetermined speed, and operating the controller to apply power to the motor/generator to adjust the speed of the motor/generator after initiating combustion in the turbine engine.

Every error in the patent which was corrected in the present reissue application, and which is not covered by the prior declaration submitted in this application, arose without any deceptive intention on the part of the applicant.

Send Correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.A.L.L.C.  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934

Direct Telephone Calls to:

Edward J. Kessler  
(202) 371-2600

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	Everett R. GEIS	
Signature of sole or first inventor		Date
Residence	Orange, California 92869	
Citizenship	US	
Mailing Address	7536 East Twindale Trail, Orange, California 92869	
Full name of second inventor	Brian W. PETICOLAS	
Signature of second inventor	<i>Brian W. Petcolas</i>	18 Nov 2003 Date
Residence	Redondo Beach, California	
Citizenship	US	
Mailing Address	545 Avenue B, Redondo Beach, California 92077	
Full name of third inventor		
Signature of third inventor		Date
Residence		
Citizenship		
Mailing Address		

D:\IMPORT\BLSKGP\_DCHGMILLS\198112\_1.DOC (Supply similar information and signature for subsequent joint inventors, if any)  
 SKGP Rev 3/14/01 msc